etdeetecanine								
STREETSCAPING						PLAN	ITS]
KEY BOTANICAL NAME	COMMON NAME	CULTIVARS	HEIGHT	CALIPER	REMARKS	# PROVIDED	#REQUIRE	
Ac Acer truncatum	Purpleblow Maple	Pacific Sunset	15'	3"	B&B	6]
Bn Betula nigra Jp Ulmus parvifolia	River Birch Lacebark Elm	Heritage Athena	15' 15'	3" 3"	B&B B&B	7		
Ornamental Trees	Lacepark Elm	Atnena	1 10	3	B&B	,		
Aa Cercis canadensis	Redbud	N/A	8'	-	B&B	7		
Cf Cornus flordia	Dogwood	Cherokee Prince	es 8'	-	B&B	34	34	REQUIREMENT: 1 Landscape tree / 40' frontage
PERIMETER PARK	NG LOT LANDS	SCAPING - LO	TA			•	•	Frontage = 1329 lf
(EY BOTANICAL NAME	COMMON NAME	CULTIVARS	HEIGHT	CALIPER	REMARKS	PLAN # PROVIDED		
Canopy Trees					1			-
.s Liquidambar styraciflu Ar Acer rubrum	Red Maple	Rotundiloba October Glorv	12' 12'	2.5"		1		REQUIREMENT: 1 tree per 40' frontage
ı Acerrubrum	Ined Maple	Toctober Glory	12	∠.5	1	3	3	Frontage = 97 If
hrubs	1	I			1	grant.		
a Euowymus anathus	Burning Bush	N\A	2'	-		8	8	REQUIREMENT: 3 shrubs per 40' frontage
						ð	o	Frontage = 97 If
PERIMETER PARK	NG LOT LANDS	CAPING - LO	ТВ					_
						PLAN		
EY BOTANICAL NAME	COMMON NAME	CULTIVARS	HEIGHT	CALIPER	REMARKS	# PROVIDED	#REQUIRE) 1
anopy Trees s Liquidambar styraciflu	Is Sweet Gum	Rotundiloba	12'	2.5"		5		REQUIREMENT:
r Acer rubrum	Red Maple	October Glory	12'	2.5"		7		1 tree per 40' frontage
					•	12	7	Frontage = 248 If
Shrubs Ea Euowymus anathus	Burning Bush	N/A	2'	-		21		REQUIREMENT:
a Euowyinus anathus	Bulling Busii	IN/A				21	19	3 shrubs per 40' frontage
								Frontage = 248 If
NTERIOR PARKING	LOT LANDSC	APING: LOT /	4					
7 7 8 7 7 9 7 7 7	17 (2011 NO 12 174) HTTP 2	700	0 17					
otal parking spaces < 10 -	No interior parking lo	t landscaping requ	ired					
otal parking spaces < 10	No interior parking lo	t landscaping requ	ired 3	CALIDED	DEMADKS	PLAN		
otal parking spaces < 10 -	No interior parking lo	t landscaping requ	ired	CALIPER	REMARKS	PLAN # PROVIDED		
otal parking spaces < 10 - NTERIOR PARKING (EY BOTANICAL NAME canopy Trees Qr Quercus rubra	No interior parking lo LOT LANDSC COMMON NAME Red Oak	APING: LOT I CULTIVARS Splendens	B HEIGHT	2.5"	REMARKS	# PROVIDED		REQUIREMENT:
otal parking spaces < 10 - NTERIOR PARKING (EY BOTANICAL NAME canopy Trees or Quercus rubra dd Gymnocladus dioicus	S LOT LANDSCA COMMON NAME Red Oak Kentucky Coffeetree	APING: LOT I CULTIVARS Splendens Espresso	12' 12'	2.5" 2.5"	REMARKS	# PROVIDED		REQUIREMENT:
Otal parking spaces < 10 - NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Gd Gymnocladus dioicus Liquidambar styraciflu	B LOT LANDSCA COMMON NAME Red Oak Kentucky Coffeetree	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba	12' 12' 12' 12'	2.5" 2.5" 2.5"	REMARKS	# PROVIDED 4 2 1		REQUIREMENT: 1 Canopy Tree / 10 parking space
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Gd Gymnocladus dioicus Liquidambar styraciflu	S LOT LANDSCA COMMON NAME Red Oak Kentucky Coffeetree	APING: LOT I CULTIVARS Splendens Espresso	12' 12'	2.5" 2.5"	REMARKS	# PROVIDED		REQUIREMENT:
Otal parking spaces < 10 - NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Gd Gymnocladus dioicus s. Liquidambar styraciflu Acer rubrum	Red Oak Kentucky Coffeetree Sweet Gum Red Maple	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5"	REMARKS	# PROVIDED 4 2 1 3 10	#REQUIRED	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40
Otal parking spaces < 10 NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Our Quercus rubra God Gymnocladus dioicus s.s. Liquidambar styraciflu Ar Acer rubrum Shrubs Bj Berberis julinae	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	REMARKS	# PROVIDED 4 2 11 3 10	#REQUIRED	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT:
Otal parking spaces < 10 - NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus s. Liquidambar styraciflu ar Acer rubrum Shrubs By Berberis julinae	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	REMARKS	# PROVIDED 4 2 1 3 10	#REQUIRED	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Gd Gymnocladus dioicus s Liquidambar styracifli Ar Acer rubrum Shrubs Bj Berberis julinae Cp Japanese falsecypres	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOTAREA	# PROVIDED 4 2 11 3 10 10 8 18 LANDSCA	# REQUIRED 4 12 PE AREA (sf	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Gd Gymnocladus dioicus s Liquidambar styracifli Ar Acer rubrum Shrubs Bj Berberis julinae Cp Japanese falsecypres	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"		# PROVIDED 4 2 11 3 10 10 8 18 LANDSCA	# REQUIRED 4 12 PE AREA (sf	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styracifla Acer rubrum Shrubs Bj Berberis julinae Cp Japanese falsecypres	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOTAREA	# PROVIDED 4 2 1 3 10 10 8 18 LANDSCA PROVIDED 1308 178	# REQUIRED 4 12 PE AREA (sf	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styracifla Acer rubrum Shrubs Bj Berberis julinae Cp Japanese falsecypres	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOTAREA	# PROVIDED 4 2 11 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887	# REQUIRED 4 12 PE AREA (sf	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styraciflu Acer rubrum Shrubs Bj Berberis julinae Cp Japanese falsecypres	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOTAREA	# PROVIDED 4 2 1 3 10 10 8 18 LANDSCA PROVIDED 1308 178	# REQUIRED 4 12 PE AREA (sf	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styracifla Acer rubrum Shrubs Bj Berberis julinae Cp Japanese falsecypres	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOT AREA (sf)	# PROVIDED 4 2 1 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887 324 176 505	# REQUIRED 4 12 PE AREA (sf	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styracifla Acer rubrum Shrubs Bj Berberis julinae Cp Japanese falsecypres	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOTAREA	# PROVIDED 4 2 11 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887 324 176	# REQUIRED 4 12 PE AREA (sf	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styraciflu Ar Acer rubrum Shrubs E) Berberis julinae Cp Japanese falsecypres Minimum Landscape Area	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOT AREA (sf)	# PROVIDED 4 2 1 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887 324 176 505	# REQUIRED 4 12 PE AREA (sf	REQUIREMENT: 1 Canopy Tree / 10 parking span # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styraciflur Acer rubrum Shrubs Di Berberis julinae Cp Japanese falsecypres Minimum Landscape Area NO&D BUFFER:	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOT AREA (sf)	# PROVIDED 4 2 1 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887 324 176 505 3378 BUFFER WIDTH (ft)	# REQUIRED 12 PE AREA (sf REQUIRED	REQUIREMENT: 1 Canopy Tree / 10 parking span # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styraciflur Acer rubrum Shrubs Di Berberis julinae Cp Japanese falsecypres Minimum Landscape Area NO&D BUFFER:	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOT AREA (sf)	# PROVIDED 4 2 1 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887 324 176 505 3378 BUFFER	#REQUIRED 12 PE AREA (sf REQUIRED 1521 AREA (sf) 35310	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Ed Gymnocladus dioicus S. Liquidambar styraciflur Acer rubrum Shrubs Di Berberis julinae Cp Japanese falsecypres Minimum Landscape Area NO&D BUFFER:	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	LOT AREA (sf)	# PROVIDED 4 2 1 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887 324 176 505 3378 BUFFER WIDTH (ft)	# REQUIRED 12 PE AREA (sf REQUIRED	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT:
NTERIOR PARKING (EY BOTANICAL NAME Canopy Trees Or Quercus rubra Od Gymnocladus dioicus Os Liquidambar styraciflu Or Acer rubrum Shrubs Op Japanese falsecypres Minimum Landscape Area WO&D BUFFER: BUFFER AREA COMPUT	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	HEIGHT 12' 1	2.5" 2.5" 2.5" 2.5"	30417 LENGTH (ft) 1177	# PROVIDED 4 2 1 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887 324 176 505 3378 BUFFER WIDTH (ft)	# REQUIRED 4 12 PE AREA (sf) 1521 AREA (sf) 35310	REQUIREMENT: 1 Canopy Tree / 10 parking space # Parking Spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking spaces REQUIREMENT: Min 5% Parking Lot Area
Gd Gymnocladus dioicus Liquidambar styraciflu Ar Acer rubrum Shrubs Bj Berberis julinae	Red Oak Kentucky Coffeetree Sweet Gum Red Maple Wintergreen Barber Chamaecypatis pisi	APING: LOT I CULTIVARS Splendens Espresso Rotundiloba October Glory	12' 12'	2.5" 2.5" 2.5" 2.5"	30417 LENGTH (ft) 1177	# PROVIDED 4 2 11 3 10 10 8 18 LANDSCA PROVIDED 1308 178 887 324 176 505 3378 BUFFER WIDTH (ft) 30	# REQUIRED 4 12 PE AREA (sf) 1521 AREA (sf) 35310	REQUIREMENT: 1 Canopy Tree / 10 parking spaces = 40 REQUIREMENT: 3 Shurubs / 10 parking space REQUIREMENT: Min 5% Parking Lot Area

WO	&D BUFFER:						BUFFER		
BUF	FER AREA COMPUTA	ATION				LENGTH (ft)	WIDTH (ft)	AR EA (sf)	
						1177	30	35310	
								35310	
KEY	BOTANICAL NAME	COMMON NAME	CULTIVARS	HEIGHT	CALIPER	REMARKS	# PROVIDED	#REQUIRED	
Can	opy Trees								
Qr	Quercus rubra	Red Oak	Splendens	12'	2.5"	B&B	25		
Ls	Liquidambar styraciflu	Sweet Gum	Rotundiloba	12'	2.5"	B&B	24		
Ar	Acer rubrum	Red Maple	October Glory	12'	2.5"	B&B	22		REQUIREMENT:
			-			Total	71	71	1 Canopy Tree / 500sf buffer area
Orn	amental Trees								Buffer Area = 35,310 sf
Aa	Amelanchier arborea	Downy Serviceberry	Autumn Brilliance	6'	-	B&B/CONT	27		
Ag	Acer griseum	Paperbark Maple	N/A	6'	-	B&B/CONT	21		
Cf	Cornus florida	Dogwood	Cherokee Princes	6'	,	B&B/CONT	23		REQUIREMENT:
						Total	71	71	1 Ornamental Tree / 500sf buffer area
Eve	rgreen Trees								Buffer Area = 35,310 sf
CI	X Cupressocyparis lela	Leyland Cyprus	N/A	8'	Full Branching	B&B	35		
Pg	Picea glauca	White Spruce	N/A	8'	Full Branching	B&B	36		REQUIREMENT:
			-			Total	71	71	1 Evergreen Tree / 500sf buffer area
Shru	ubs						•		Buffer Area = 35,310 sf
Bd	Buddleia davidii	Butterfly Bush	N/A	2'	-	CONT	181		
Сс	Continus coggygria	Smoke Bush	N/A	2'	-	CONT	184		REQUIREMENT:
	1					Total	365	354	1 Shrub / 100sf buffer area
	•	1							Buffer Area = 35,310 sf

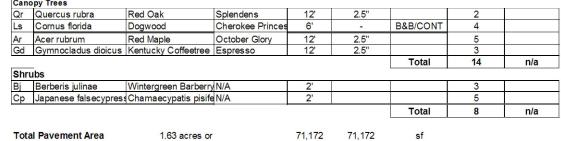
KEY	BOTANICAL NAME	COMMON NAME	CULTIVARS	HEIGHT	CALIPER	REMARKS	# PROVIDED	REQUIRE	
Can	anopy Trees								
Qr	Quercus rubra	Red Oak	Splendens	12'	2.5"		1		
Ar	Acer rubrum	Red Maple	October Glory	12'	2.5"		2		
Gd	Gymnocladus dioicus	Kentucky Coffeetree	Espresso	12'	2.5"		1		
						Total	4	4	
							6.5	•	
Shr	ubs								
	ubs Berberis julinae	Wintergreen Barberry	N/A	2'			4		
Вј			N/A N/A	2' 2'		CONT	4 1		
Shr i Bj Bd Cp	Berberis julinae	Butterfly Bush	N/A		-		4 1 4		

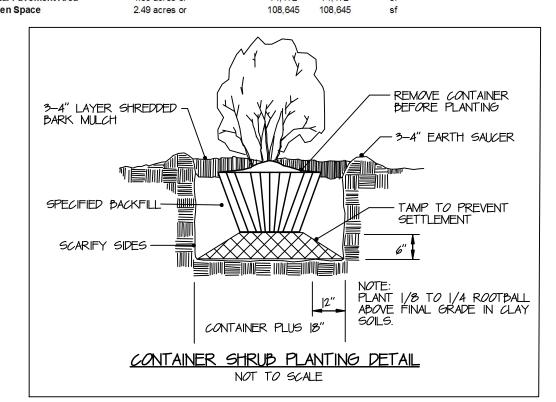
PL/	ANT SCHEDULE-	BIORENTION #	2					
KEY	BOTANICAL NAME	COMMON NAME	CULTIVARS	HEIGHT	CALIPER	REMARKS	# PROVIDED	#REQUIRED
Cand	py Trees							
Qr	Quercus rubra	Red Oak	Splendens	12'	2.5"		1	
Ar	Acer rubrum	Red Maple	October Glory	12'	2.5"		1	

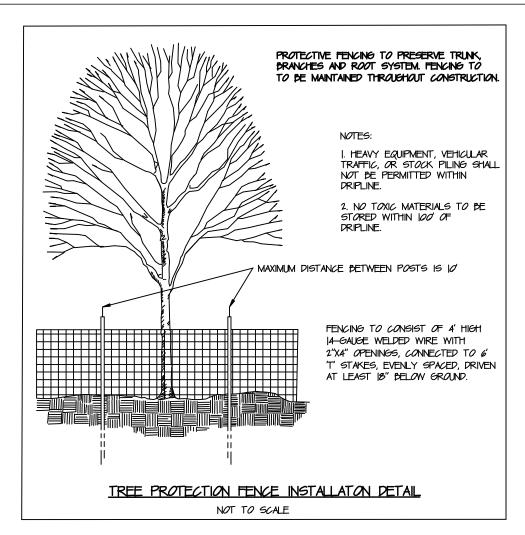
Qr	Quercus rubra	Red Oak	Splendens	12'	2.5"		1	
Ar	Acer rubrum	Red Maple	October Glory	12'	2.5"		1	
Gd	Gymnocladus dioicus	Kentucky Coffeetree	Espresso	12'	2.5"		1	
						Total	3	3
Shru	ibs							•
Bj	Berberis julinae	Wintergreen Barberry	N/A	2'			3	
Bd	Buddleia davidii	Butterfly Bush	N/A	2'		CONT	2	
Ср	Japanese falsecypress	Chamaecypatis pisife	N/A	2'			3	
						Total	8	6-9

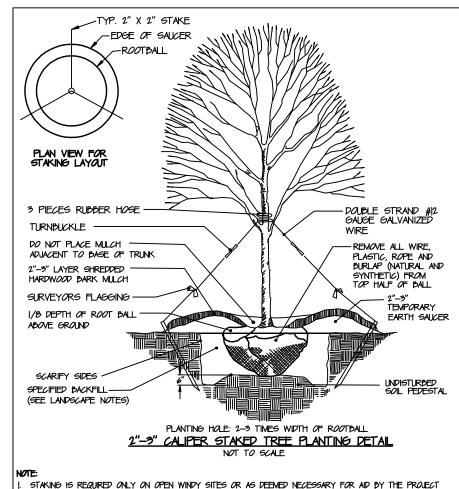
PL	PLANT SCHEDULE- BIORENTION # 3									
KEY	BOTANICAL NAME	COMMON NAME	CULTIVARS	HEIGHT	CALIPER	REMARKS	# PROVIDED	#REQUIRED		
Can	Canopy Trees									
Qr	Quercus rubra	Red Oak	Splendens	12'	2.5"		2			
Ar	Acer rubrum	Red Maple	October Glory	12'	2.5"		4			
	Gymnocladus dioicus	Kentucky Coffeetree	Espresso	12'	2.5"		1			
						Total	7	7		
Shru	ibs						•			
Bj	Berberis julinae	Wintergreen Barberry	N/A	2'			12			
Bj Bd	Buddleia davidii	Butterfly Bush	N/A	2'	-	CONT	3			
Ср	Japanese falsecypres	Chamaecypatis pisife	N/A	2'			5			
						Total	20	14-21		

KEY	BOTANICAL NAME	COMMON NAME	CULTIVARS	HEIGHT	CALIPER	REMARKS	# PROVIDED	#REQUIRE
Cano	py Trees							
Qr	Quercus rubra	Red Oak	Splendens	12'	2.5"		2	
Ls	Cornus florida	Dogwood	Cherokee Princes	6'	-	B&B/CONT	4	
Ar	Acer rubrum	Red Maple	October Glory	12'	2.5"		5	
Gd	Gymnocladus dioicus	Kentucky Coffeetree	Espresso	12'	2.5"		3	
						Total	14	n/a
Shru	ibs							
Bj	Berberis julinae	Wintergreen Barberry	N/A	2'			3	
Ср	Japanese falsecypres:	Chamaecypatis pisife	N/A	2'			5	
•								

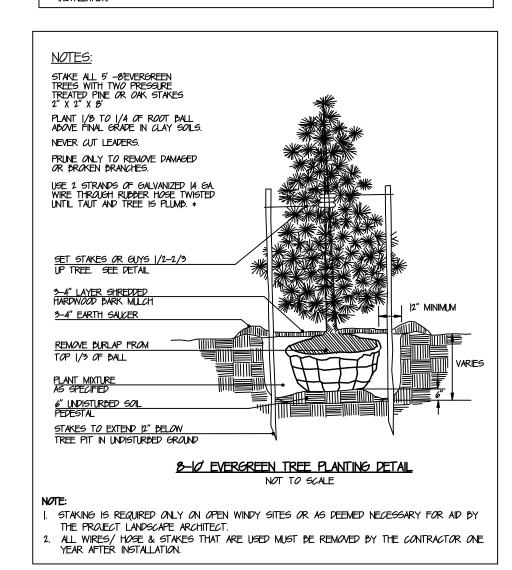








ALL WIRES/ HOSE & STAKES THAT ARE USED MUST BE REMOVED BY THE CONTRACTOR ONE YEAR AFTER INSTALLATION



LANDSCAPE INSTALLATION SPECIFICATIONS

- I. ALL PLANT MATERIAL SHALL CONFORM TO CURRENT AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARDS
- 2. BALLED AND BURLAPPED PLANTS SHALL BE DUG WITH FIRM NATURAL BALLS OF EARTH. BALL SIZES SHALL CONFORM TO CURRENT AMERICAN ASSOCIATION OF NUSERYMEN'S STANDARDS CONTAINER GROWN STOCK SHALL BE WELL ROOTED AND ESTABLISHED IN THE CONTAINER IN WHICH IT IS SOLD. AN ESTABLISHED CONTAINER GROWN PLANT SHALL HAVE A ROOT SYSTEM DEVELOPED SUFFICIENTLY TO RETAIN ITS SHAPE WHEN REMOVED.
- 3. ALL PLANT MATERIAL SHALL BE NURSERY GROWN UNLESS OTHERWISE SPECIFIED. NO PRUNING SHALL BE DONE BEFORE PLANTING OR DURING THE PLANTING OPERATION EXCEPT FOR PRUNING OF BROKEN LIMBS DUE TO HANDLING.
- 4. ALL PLANT MATERIAL SHALL BE COVERED AND PROTECTED FROM EXCESSIVE DRYING DURING TRANSIT AND DURING ONSITE STORAGE. ROOTBALLS/ CONTAINERIZED PLANTS ARE TO BE THOROUGHLY WATERED DAILY IN THE MORNING. UNDER NO CIRCUMSTANCES ARE TREES TO BE STORED ONSITE FOR MORE THAN ONE WEEK.
- 5. ANTI-DESICCANTS SHALL BE APPLIED ON ALL MATERIAL DUG WHILE IN LEAF.
- 6. MULCH MATERIAL SHALL BE SHREDDED HARDWOOD BARK.
- 7. PLANTING BACKFILL MIXTURE SHALL BE THREE PARTS EXISTING TOPSOIL MIXED EVENLY WITH ONE PART SPHAGNUM PEAT MOSS, LEAFGRO(TM), OR SIMILAR MARKETED ORGANIC MIX. EXISTING TOPSOIL SHALL BE FREE OF STONES, LUMPS, PLANTS, ROOTS, AND OTHER DEBRIS OVER 2 INCHES. IT SHALL NOT CONTAIN TOXIC SUBSTANCES HARMFUL TO PLANT GROWTH. TOPSOIL SHALL HAVE A PH RANGE OF 5.0 TO 7.0.
- 8. PLANTING PROCEDURES FOR TREES AND SHRUBS:

VIEW (SIDEWALK, STREET, ETC.).

- A. PLANTING SHALL OCCUR IN ACCORDANCE WITH ALL DETAILS.
- B. REMOVE ALL TAG, RIBBONS AND BINDING MATERIALS BEFORE PLANTING.
- C. TREES AND SHRUBS SHALL BE PLACED IN THE PLANTING PIT, AND MANEUVERED ONCE IN IT, BY LIFTING FROM THE BALL (NEVER FROM THE BRANCHES OR TRUNK). ALL PLANT MATERIAL SHALL BE PLACED IN A STRAIGHT POSITION WITHIN THE PLANTING PIT WITH THE MOST DESIRABLE SIDE PLACED TOWARD THE PROMINENT
- D. THE TREE OR SHRUB PIT SHALL BE BACKFILLED WITH A SOIL MIXTURE, AS PER #7 OF THESE SPECS. THE PIT SHALL BE FILLED HALFWAY INITIALLY AND TAMPED FIRMLY. ALL ROPES AROUND THE ROOTBALL SHALL BE CUT, TAGS ARE TO BE REMOVED (AND GIVEN TO THE CLIENT), WIRE BASKETS ARE TO BE CUT/ REMOVED HALF OF THE DEPTH OF THE BALL, AND THE BURLAP OR BALL WRAP IS TO BE PULLED BACK ONE—THIRD ON ALL B&B PLANT MATERIAL. COMPLETE BACKFILLING THE PLANT PIT AND TAMP FIRMLY. BACKFILL SOILS SHALL NOT COVER THE TOP OF THE ROOTBALL. MULCH THE ROOTBALL AND SAUCER WITH A MINIMUM OF 3" SHREDDED HARDWOOD OR PINE BARK MULCH. TAPER THE MULCH TOTHE BASE OF THE TRUNK. UNDER NO CIRCUMSTANCES IS THE TRUNK TO BE BURIED IN ANY DEPTH OF MULCH. IF NOTICED IN A POST-CONSTRUCTION VISIT, CONTRACTOR CAN BE ASKED TO RE-VISIT THE SITE AND FIX THE MULCH ACCORDINGLY.

E. A SOIL INOCULANT CONTAINING MYCORRHIZAE, AND ROOT BIOSTIMULANTS SHALL BE ADDED AFTER COMPLETION OF THE BACKFILLING.

GENERAL LANDSCAPING NOTES:

- THIS PLAN FOR PLANTING LOCATIONS ONLY.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE, INCLUDING SHRUBS AND GROUNDCOVER, AND SHALL MAINTAIN AREA IN A WEED- AND DEBRIS-FREE CONDITION, THROUGHOUT THE ONE YEAR GUARANTEE PERIOD.
- CONTRACTOR SHALL LAY OUT AND CLEARLY STAKE ALL PROPOSED IMPROVEMENTS INCLUDED ON THIS PLAN.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING MISS UTILITY PRIOR TO BEGINNING CONSTRUCTION FOR LOCATION OF ALL UTILITY LINES. TREES SHALL BE LOCATED A MINIMUM OF 4' FROM SEWER/WATER EASEMENTS. CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO ANY AND ALL PUBLIC OR PRIVATE UTILITIES.
- CONTRACTOR TO VERIFY PLANT LIST TOTALS WITH QUANTITIES SHOWN ON PLAN. LANDSCAPE ARCHITECT SHALL BE ALERTED BY CONTRACTOR OF ANY DISCREPANCIES PRIOR TO FINAL BID NEGOTIATION. UNIT PRICES FOR ALL MATERIAL SHALL BE SUPPLIED TO THE OWNER AT BIDDING TIME.
- ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT. OWNER SHALL RECEIVE TAG FROM EACH PLANT SPECIES AND A LIST OF PLANT SUPPLIERS. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL MEET THE NORMAL REQUIREMENTS FOR THE VARIETY PER THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN). PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- WHERE TREES ARE PLANTED IN ROWS, THEY SHALL BE UNIFORM IN SIZE AND SHAPE.
- SIZES SPECIFIED IN THE PLANT LIST ARE MINIMUM SIZES TO WHICH THE PLANTS ARE TO BE JUDGED. FAILURE TO MEET MINIMUM SIZE ON ANY PLANT WILL RESULT IN REJECTION OF THAT PLANT.
- ALL PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL BRANCHED, FREE OF DISEASE, INSECT EGGS, AND LARVAE, AND SHALL HAVE ADEQUATE ROOT SYSTEMS.
- NO EXISTING TREES SHALL BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER EXCEPT WHERE NOTED ON PLANS. NO GRUBBING SHALL OCCUR WITHIN EXISTING TREE AREAS.
- TREES SHALL BE LOCATED A MINIMUM OF 4' FROM WALLS AND WALKS WITHIN THE PROJECT. IF CONFLICTS ARISE BETWEEN ACTUAL SIZE OF AREA AND PLANS, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE OWNER OR LANDSCAPE ARCHITECT WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE MATERIALS.
- CONTRACTOR TO SLIGHTLY ADJUST PLANT LOCATIONS IN THE FIELD AS NECESSARY TO BE CLEAR OF DRAINAGE SWALES AND UTILITIES. FINISHED PLANTING BEDS SHALL BE GRADED SO AS TO NOT IMPEDE DRAINAGE.
- TREE STAKING AND GUYING SHALL BE DONE PER DETAILS, IF NECESSARY CONTRACTOR SHALL ENSURE THAT TREES REMAIN UPRIGHT FOR THE DURATION OF THE ONE YEAR GUARANTEE PERIOD. AT THE END OF ONE YEAR, ALL RUBBER HOSE AND WIRE STAKES, AND ANY MISC. TAGS ARE REMOVED FROM THE TREES AND THE SITE.
- MULCH IS TO BE SHREDDED HARDWOOD BARK FOR TREES AND SHRUBS.
- ALL CONTRACTORS SHALL BE REQUIRED TO COMPLETELY REMOVE ALL TRASH DEBRIS AND EXCESS MATERIALS FROM THE WORK AREA AND THE PROPERTY (ESPECIALLY AT ALL CURB, GUTTERS AND SIDEWALKS) DAILY DURING INSTALLATI*O*N.
- DEAD PLANTS ARE TO BE REMOVED FROM THE JOB BY THE CONTRACTOR WEEKLY. CONTRACTOR SHALL MAINTAIN AN UPDATED, COMPREHENSIVE LIST OF ALL DEAD MATERIALS REMOVED AND PRESENT A COPY OF THE LIST TO THE OWNER AT THE END OF EVERY MONTH DURING THE CONTRACT PERIOD.
- CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE IMPROVEMENTS, INCLUDING SEEDING, FOR ONE FILL YEAR AS REQUIRED BY THE SPECIFICATIONS. CONTRACTOR MUST CONTACT THE OWNER AT LEAST 10 WORKING DAYS IN ADVANCE TO SCHEDULE ACCEPTANCE INSPECTION(S). CONTRACTOR MUST REPLACE ALL DEAD OF UNACCEPTABLE PLANTS DURING THE FOLLOWING RECOMMENDED PLANTING SEASON.
- 18. ALL PLANTING SHALL CONFORM TO THE REQUIREMENTS OF VIRGINIA DEPARTMENT OF HIGHWAYS AND TRANSPORTATION'S "GUIDELINES FOR PLANTING ALONG VIRGINIA'S ROADWAYS", AS APPLICABLE.

SEEDING AND SODDING SPECIFICATIONS

(AS PER VESCH E&S REQUIREMENTS)

TEMPORARY SEEDING (AS PER E&S REQUIREMENTS)

NOTE: PRIOR TO SODDING, THE SURFACE SHALL BE CLEARED OF ALL VEGETATION, TRASH, DEBRIS, AND OF ALL ROOTS, BRUSH, WIRE, GRADE STAKES, AND OTHER OBJECTS THAT WOULD INTERFERE WITH THE PLANTING, FERTILIZING, OR MAINTENANCE OPERATIONS.

SELECTION OF PLANTS SHOULD BE BASED ON THE SPECIFIC SITE AND SEASON AND PER VESCH TABLES 3.31-18&C

- -TEMPORARY SEED SHALL CONSIST OF THE FOLLOWING PER SEASON: -SEPT. | - FEB. 15: 50/50 MIX OF ANNUAL RYEGRAGG (LOLIUM MULTI-FLORUM) AND CEREAL (WINTER) RYE (SCALE CEREAL) AT A RATE OF 75 LB/ ACRE. -FEB. 16 - APR. 30: ANNUAL RYEGRASS (LOLIUM MULTI-FLORUM) AT A RATE OF
- -MAY | AUG. 3|: GERMAN MILLET (SETARIA ITALICA) AT A RATE OF 50 LB/ ACRE.

2. LIMING REQUIREMENTS SHOULD BE BASED ON TABLE 3.31-A OF VESCH.

- -AFTER TESTING THE SOIL FOR A PH COUNT, LIME SHALL BE APPLIED AT A RATE OF:
- -3 TONS PER ACRE, IF PH IS BELOW 4.2
- -2 TONS PER ACRE, IF PH IS 42 TO 52
- TON PER ACRE OF PH IS 5.2 TO 6.0 -DO NOT APPLY LIME ABOVE A PH OF 6.0

3. FERTILIZERS SHALL BE APPLIED AT 600 LBS/ ACRE. FERTILIZER SHALL BE INCORPORATED INTO THE TOP 4" OF THE SOIL.

-FERTILIZER SHALL CONSIST OF 1/3 IMMEDIATELY AVAILABLE AND 2/3 WATER INSOLUBLE NITROGEN. UREA FORMALDEHYDE (UF) AND DISOBUTYLIDENE UREA (IBDU) MEET THESE STANDARDS.

-NOTE: IF A SOIL TEST IS DONE AND EXISTING NUTRIENTS ARE FOUND TO BE ADEQUATE, NO FERTILIZATION IS NECESSARY.

- 4. SEED SHALL BE EVENLY APPLIED, AND SMALL GRAINS SHALL BE PLANTED NO MORE THAN 1/2" DEEP.
- 5. SEED SHALL BE MULCHED AT A DEPTH OF 1/2-1" WITH STRAW MULCH AND SHALL BE ANCHORED WITH EITHER A CHEMICAL MULCH BINDER, TWINE, OR NETTING.

PERMANENT SEEDING (AS PER E&S REQUIREMENTS)

I. PERMANENT VEGETATION COVER MUST MEET THE REQUIREMENTS OF MINIMUM STANDARDS #3 (MS #3).

- -ALL TAGS ON CONTAINERS OF SEED SHALL BE LABELED TO MEET THE REQUIREMENTS
- OF THE STATE SEED LAW. -ALL SEED SHALL BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY
- THAT EMPLOYS A REGISTERED SEED TECHNOLOGIST OR BY A STATE SEED LAB. -ALL SEED USED SHALL HAVE BEEN TESTED WITHIN TWELVE MONTHS.
- -THE QUALITY OF THE SEED USED SHALL BE SHOWN ON THE BAG TAGS TO CONFORM
- TO THE GUIDELINES IN TABLE 3.32-E: -TURF-TYPE TALL FESCUE: MIN. SEED PURITY-98%/ MIN. GERMINATION-85%
- -PERENNIAL RYEGRASS: MIN. SEED PURITY-98%/ MIN. GERMINATION-90%

2. PROVIDE A NOTE WHICH DESCRIBES THE PROCEDURE FOLLOWED IN SELECTING PLANT MATERIAL. THE SELECTION SHOULD BE BASED ON TABLES 3:32 - A&B DEPENDING ON CLIMATE, TOPOGRAPHY, SOILS, AND SITE CONDITIONS.

-GRASS TYPES SHALL CONSIST OF 10% PERENNIAL RYEGRASS AND 90% TURF-TYPE TALL FESCUE. WITH THIS MIX, THE PERENNIAL RYE WILL GERMINATE FASTER TO HELP STABILIZE ANY SLOPES BEFORE THE FESCUE SOON GROWS BEHIND IT. BOTH TYPES ARE FAIRLY WINTER HARDY AND THE FESCUE PERFORMS ADMIRABLY IN DROUGHT SITUATIONS. BOTH TYPES ALSO TOLERATE SOMEWHAT POORLY DRAINED AREAS. LIKEWISE, THEY TOLERATE FREQUENT TRAFFIC AND HIGH MAINTENANCE. THIS MIX SHOULD BE APPLIED AT A RATE OF 200 LB/ PER ACRE.

3. THE PLANTING SOIL MUST HAVE ENOUGH FINE GRAINED SOIL, SUFFICIENT PORE SPACE, SUFFICIENT DEPTH, AND FREE FROM TOXIC OR EXCESSIVE QUANTITIES OF ROOTS AND SHALL BE APPLIED IN ACCORDANCE WITH STANDARD 3.30.

-TOPSOIL SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN TOPSOIL OR SUBGRADE IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR PROPOSED SODDING OR SEEDING. THE TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED TO A MINIMUM COMPACTED DEPTH OF 2" ON 3: OR STEEPER SLOPES AND 4" ON FLATTER SLOPES. ANY IRREGULARITIES IN THE SURFACE, RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSION OR WATER POCKETS.

-THE TOPSOIL MUST BE COMPACTED ENOUGH TO ENSURE GOOD CONTACT WITH THE UNDERLYING SOIL AND TO OBTAIN A LEVEL SEED BED FOR THE ESTABLISHMENT OF HIGH MAINTENANCE TURF. HOWEVER, EXCESSIVE COMPACTION IS TO BE AVOIDED AS IT INCREASES RUNOFF VELOCITY AND VOLUME, AND DETERS SEED GERMINATION.

SODDING

- I. SODDED AREAS SHALL BE BROUGHT TO FINAL GRADE IN ACCORDANCE WITH THE APPROVED PLANS.
- 2. SOIL TESTS SHOULD BE MADE TO DETERMINE THE EXACT REQUIREMENTS FOR LIME AND FERTILIZER.
 - -SOIL TESTS SHALL BE CONDUCTED BY A STATE LABORATORY OR RECOGNIZED COMMERCIAL LABORATORY.

-FERTILIZER: ALL FERTILIZER SHALL BE UNIFORM IN COMPOSITION, FREE-FLOWING, AND SUITABLE FOR APPLICATION WITH APPROVED EQUIPMENT. FERTILIZER APPLICATION RATES SHALL BE DETERMINED BY SOIL TEXTS. FERTILIZER SHALL BE DISTRIBUTED EVENLY OVER THE ENTIRE AREA TO BE SEEDED. -LIME: LIME MATERIAL SHALL BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MAY BE SUBSTITUTED) WHICH CONTAINS AT LEAST 50% TOTAL OXIDES

(CALCIUM OXIDE PLUS MAGNESIUM OXIDE). APPLICATION RATES FOR LIMING

UNIFORMLY OVER THE ENTIRE AREA TO BE SEEDED. -ALL LIME AND FERTILIZER SHALL BE UNIFORMLY MIXED INTO THE TOP 4" OF SOIL BY DISCING, HARROWING OR OTHER APPROVED METHODS. ANY UNDULATIONS OR IRREGULARITIES IN THE SURFACE RESULTING FROM FERTILIZING, TILLING, OR OTHER CAUSES SHALL BE LEVELED PRIOR TO SODDING.

MATERIALS SHALL BE DETERMINED BY SOIL TESTS. LIME SHALL BE DISTRIBUTED

- 3. PRIOR TO LAYING SOD, SOIL SURFACE SHALL BE CLEAR OF TRASH, DEBRIS, AND LARGE OBJECTS.
- 4. QUALITY OF SOD SHALL BE CERTIFIED AND ENSURE GENETIC PURITY AND
- HIGH QUALITY. 5. SOD SHALL NOT BE LAID IN EXCESSIVELY WET OR DRY WEATHER AND BE DELIVERED AND INSTALLED WITHIN 36 HOURS.
- 6. SOD SHOULD NOT BE LAID ON FROZEN SOIL SURFACES AND SHALL BE INSTALLED PER PLATE 3.33-1 OF VESCH (SEE DETAIL THIS SHEET).



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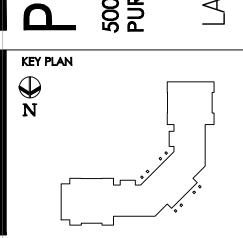
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